

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Syed Hossain, James L. Larsen, Dwayne P. Terracina and Quan V. Nguyen	§ § § §	Group Art Unit:	3672
Serial No.:	10/816,542	§	Examiner:	Matthew J. Smith
Filed:	April 1, 2004	§	Confirmation No.:	9979
For:	Cutting Structure Based Hydraulics	§		

Customer No.: 23505  
Atty. Dkt. No.: 1030-23100 (03-STR21)  
Date: October 24, 2006

**REPLY TO FINAL OFFICE ACTION DATED AUGUST 24, 2006**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows and consider the following remarks in response to the final Office action dated August 24, 2006.

**Amendments to the Claims** are reflected in the listing of the claims that begins on page 2 of this paper.

**Remarks** begin on page 39 of this paper.